CP-DX250 DLP® Projector

Breakthrough classroom performance with incredible picture quality, high reliability, and lower cost of ownership.

PICTURE BY DLP®
TEXAS INSTRUMENTS

Hitachi's CP-DX250 DLP® projector represents the new standard for classroom environments and versatility with high resolution XGA performance, an innovative feature set and overall value. The CP-DX250 incorporates 2,500 ANSI lumens light output and a 2500 : 1 contrast ratio for vibrant, bold images with deeper black levels and razor-sharp text. Perfomance versatility is enhanced by HDMI terminals which accommodate many types of AV devices. Plus, Hitachi's Intelligent Eco Mode with ImageCare combines optimal picture performance with energy savings for a lower cost of ownership. For added peace of mind, Hitachi's CP-DX250 is also backed by a generous warranty and our world-class service and support programs.

The wireless remote control enables you to easily control a full complement of projector functions.

Key Features

- XGA 1024 x 768 resolution
- 2,500 ANSI lumens light output
- 2500:1 contrast ratio
- 4.500 hours lamp life (Standard mode)
  6,000 hours lamp life (Eco mode)*
- ImageCare technology
- BrilliantColor™
- Deeper black levels
- Wall color correction
- Connect various devices

CP-DX250

1.800.HITACHI
dmd.info@hal.hitachi.com
hitachi-america.us/projectors

CP-DX250 DLP® Projector

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SPECIFICATION HIGHLIGHTS

2,500 ANSI Lumens Light Output

WHITE LIGHT OUTPUT 2500

The light output specification measures the brightness of light output and with 2,500 ANSI lumens the result is bright, clear, true to life images with incredible detail.

2500:1 Contrast Ratio

Contrast can be automatically controlled through an active iris to add depth perspective during both bright and dark scenes.

HDMI Input (HDCP)

Digital connectivity allows for highest image quality from your HD device. Compliancy with HDCP.

6,000 Hour Lamp Life (Eco mode)*

Another key to low total cost of ownership is a long life lamp. The lamp is rated at 4,500 hours in standard mode and 6,000 hours in Eco mode.

Power Saving Standby Mode

Power saving mode reduces the standby power consumption to less than 0.5W.

UNIQUE FEATURES

ImageCare Technology

ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

Intelligent Eco Mode

Automatically changes the brightness of the lamp according to the brightness level of the screen. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

STANDARD FEATURES

BrilliantColor™

BrilliantColor technology is setting a new standard in color performance. BrilliantColor offers color processing to enhance color performance for rich, vibrant and accurate colors.

DLP® Technology

DLP technology was invented, developed and is owned by Texas Instruments. The DLP chip is a digital semiconductor that contains millions of microscopic mirrors. These projectors use DLP technology to project images with amazing quality.

Easy Maintenance

Easy maintenance is another attractive function, as the lamp door is on top of the model.

Wall Color Correction

This feature corrects the color of images projected on surfaces that are not white to prevent color differences between the source and projections. Five wall color modes include light yellow, light green, blue, black board and pink.

* Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

CP-DX250 DLP® Projector

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Enhance the educational experience with Hitachi's CP-DX250.

The CP-DX250 DLP® projector from Hitachi is specifically designed to enhance the educational experience — for students and teachers. Leading edge DLP® projector technology helps stimulate the imagination of students of all ages and makes lessons become more interesting, compelling and memorable. Vivid colors. Deeper blacks. Bold graphics. Crisp text.

The CP-DX250 does it all in classrooms of all sizes. With 2,500 ANSI lumens light output, XGA 1024 x 768 resolution, the CP-DX250 provides the perfect solution. It also features exceptional reliability, a high contrast ratio, HDMI terminals so you can connect many types of AV devices, and wall color correction which corrects the colors of images projected on surfaces that are not white. With Hitachi's CP-DX250, learning has never been easier, more enjoyable or so engaging.
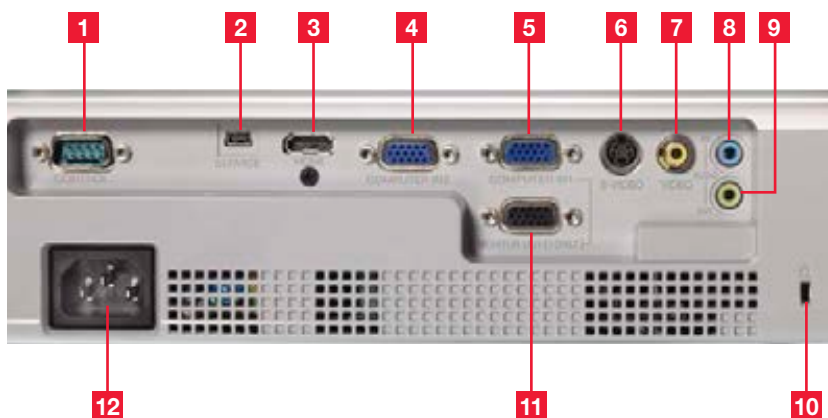
Front 3/4 View

PICTURE BY DLP
TEXAS INSTRUMENTS

Left Side Profile

Top View

Right Side Profile

Input/Outputs

1. Control (RS-232C)
2. Service
3. HDMI
4. Computer in 2
5. Computer in 1
6. S-Video
7. Video
8. Audio In
9. Audio Out
10. Lock
11. Monitor Out (1 only)
12. AC In

HDMI HDMI

CC Closed Captioning

Hitachi Trade-Up Program

3 YEAR WARRANTY 3 Year Warranty

CP-DX250

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CP-DX250 DLP® Projector

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Accessories

Accessories	
Supplied Accessories	Remote control, power cord, computer cable, user's manual
Optional Accessories	N/A

Replacement Parts	
Lamp	DT01461
Remote Control	HL02961

Projection Throw Chart (In inches)

Screen Size 4:3	Throw Distance	
Desired Distance	**Max. Diagonal**	**Max. Diagonal**
39	26	24
59	40	36
118	79	72
177	119	108
236	159	144

Throw Ratio: (distance : width)
1.86 - 2.04 : 1

Specifications

Display		
	Projection Technology	0.55" single chip DLP
	Resolution	XGA - 1024 x 768
	Light Output	2,500 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 4:3 / 16:9 compatible
	Contrast Ratio	2500 : 1
	Throw Ratio (distance : width)	1.86 - 2.04 : 1

Lens & Operation		
	Lens	x 1.1 manual zoom
	Lamp Wattage	196W
	Expected Lamp Life*	Approximately 4,500 hours (standard mode) 6,000 hours (Eco mode)
	Speaker Output	2W x 1
	Acoustic Noise Level	33 dB (29 dB in Eco mode)
	Keystone	+/- 30° vertical only

Compatibility		
	Computer	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC 16"
	H-Sync	31.5 kHz - 102 kHz
	V-Sync	59.9 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080p, 1080p

Connectors		
	Digital Input	HDMI x 1 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 2
	Computer Input 2	15-pin mini D-sub x 2
	Computer Monitor Output	15-pin mini D-sub x 1 (computer in 1 only)
	Video Input	
	S-Video	Mini DIN 4-pin x 1
	Composite Video	RCA jack x 1
	Component Video	15-pin D-sub x 2 (shared with computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	N/A
	Network LAN Wireless	N/A
	USB	N/A
	Control Terminals	9-pin D-sub x 1 (RS-232 control)

Ratings & Warranty		
	Power Supply	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	250W
	Operating Temperature	32°F - 95°F (0°C - 35°C)
	Dimensions (W x D x H)	10.4" x 8.8" x 3.2" (excl. protruding parts)
	Weight	approx. 4.8 lbs.
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class B
	Warranty	3 year limited parts and labor. Extended Service Contract available (additional cost)

* Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

PICTURE BY DLP **TEXAS INSTRUMENTS**

CP-DX250

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900 Hitachi Way, Chula Vista, CA 91914
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Web: hitachi-america.us/projectors

CP-X3030WN LCD Projector

High performance LCD projector captures attention in classrooms or conference rooms with dynamic images and 3,200 ANSI lumens.

Classroom and Conference Room Series

Key Features

- XGA 1024 x 768 resolution
- 3,200 ANSI lumens white/color output
- 16 watt audio output
- 4000:1 contrast ratio
- HDMI 1 input
- 5,000 hours hybrid filter*
- 5,000 hours lamp life (Standard mode) and 6,000 hours lamp life (Eco mode)**
- Power saving standby mode less than 0.5W

From the classroom to the conference room, Hitachi's CP-X3030WN LCD projector combines superior image clarity, high quality value, and long-life reliability. Bright, vivid colors with razor-sharp text and bold graphics will truly enhance any lesson or meeting and make it more memorable. For greater installation convenience, the CP-X3030WN has a cloning function which enables you to copy configuration settings from one projector to others of the same model via USB memory. The CP-X3030WN also includes our iOS application Projector Quick Connection App which offers simple control options including sending photo and document files and web site contents to the projector. Plus, Hitachi's Intelligent Eco Mode with ImageCare combines optimal picture performance with maximum energy savings for a lower total cost of ownership. For added peace of mind, Hitachi's CP-X3030WN is also backed by a generous warranty and our world-class service and support programs.

CP-X3030WN

3LCD

g+ f t YouTube

CP-X3030WN LCD Projector

UNIQUE FEATURES

Cloning Function

Copy configuration settings from one projector to others of the same model via USB memory. Cloning can save almost all PJ settings such as gamma and keystone via USB memory.

ImageCare Technology

ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

Intelligent Eco and Saver Modes

Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

Projector Quick Connection App For Mobile Devices

Our iOS application offers full projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL11N wireless adapter.

Wired and Wireless Switcher Solutions

Multifunctional switcher operates in conjunction with the receiver to provide expanded source selection and switching options for connected devices. The switcher is sold as an optional accessory that can provide 1080p 30 fps wireless via WHDI for both video and audio.

STANDARD FEATURES

Input Source Naming

Laptop
DVD Player
Document Camera

Users can rename input sources in more descriptive terms instead of the factory default names.

Microphone Input

A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

Network Control, Maintenance and Security

Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

Classroom and Conference Room Series

PC-Less Presentation

By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. There is also a slideshow function. This feature also supports the following file types: JPG, PNG, BMP, GIF, AVI, and MOV — frame rate is under 12fps 640 x 480.

PIN Lock / MyScreen / MyText

PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

PJMessenger

PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

Present Content via LAN

Hitachi's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

Serial Number and Media Access Control Label

Serial #

A label is affixed to side of projector to more easily access and read the model name, serial number and MAC address while mounted in ceiling use. This is a convenience for installers, end users and auditors for instant accessibility.

Wireless Presentation Compatible

Connect the projector to a a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11b/g and the latest 11n.

* Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

** Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

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CP-X3030WN LCD Projector

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Long-life reliability with a lower total cost of ownership.

From classrooms to conference rooms, Hitachi's CP-X3030WN can make a big impact on your audience. With 3,200 ANSI lumens brightness and XGA 1024 x 768 resolution, the CP-X3030WN is designed to make any message more memorable with colorful images, crisp text, and powerfully clear audio.

Incorporating Hitachi's leading-edge technology, the CP-X3030WN features high contrast ratio, long lamp life, cloning function enabling you to copy configuration settings from one projector to others of the same model, and is wireless presentation compatible. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer, and e-mail alerts). Even with the the array of advanced features, Hitachi's CP-X3030WN is designed for user-friendly operation and installation convenience.
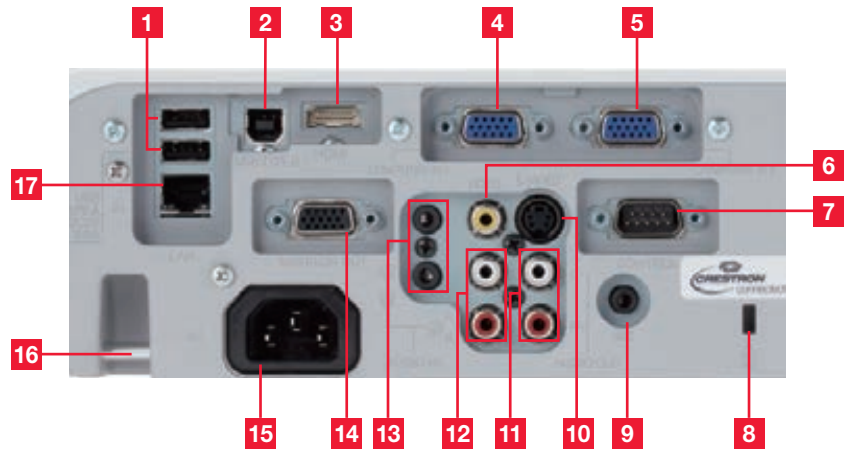
Front View

Top View

Left Profile

Right Profile

Classroom and Conference Room Series

Input/Outputs

1. USB Type A x 2
2. USB Type B
3. HDMI
4. Computer in 1
5. Computer in 2
6. Composite Video
7. Control (RS-232C)
8. Kensington Lock
9. Microphone Input
10. S-Video
11. Audio Out
12. Audio in 3
13. Audio in 1 and 2
14. Monitor Out
15. AC
16. Security Bar
17. LAN

3LCD Technology

CC Closed Captioning

Crestron Integrated Partner

AMX Device Discovery

Hitachi Trade-Up Program

3 YEAR WARRANTY — 3 Year Warranty

HDMI — HDMI

CP-X3030WN

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CP-X3030WN LCD Projector

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Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, user's manual, security label, application CD, adapter cover
Optional Accessories	USBWL11N USB wireless adapter, MS-1 wired and MS-1WL wireless multifunction switchers, LCDSC2000 soft sided case
Optional Lenses	NA

Replacement Parts

Lamp	DT01431 with filter
Remote Control	HL02881
Filter	UX38841

Projection Throw Chart

Screen Size 4:3		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
30	24	34	41
60	48	70	84
80	64	94	113
100	80	118	142
200	160	237	285
300	240	356	428

Throw Ratio: 1.5 - 1.8 : 1 (distance : width)
Screen size and throw distance are measured in inches.

Specifications

Display

Projection Technology	3LCD, 3 chip technology
Resolution	XGA - 1024 x 768
White Light Output	3,200 ANSI lumens
Color Light Output	3,200 ANSI lumens
Colors	16.7 million colors
Aspect Ratio	Native 4:3 and 16:9 / 16:10 compatible
Contrast Ratio	4000 : 1 (using active IRIS)
Throw Ratio (distance : width)	1.5 - 1.8 : 1
Focus Distance	36" - 454"
Display Size	30" - 300"

Lens & Operation

Lens	F = 1.9 - 2.3, f = 19 - 23 mm, x 1.2 manual zoom
Lamp Wattage	215W
Expected Lamp Life*	Approximately 5,000 hours (standard mode) 6,000 hours (Eco mode)
Expected Filter Life**	Approximately 5,000 hours
Speaker Output	16W
Acoustic Noise Level	37 dB (29 dB in Eco mode)
Keystone	+/- 30° vertical only

Compatibility

Computer	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC 16"
H-Sync	31.5 kHz - 106 kHz
V-Sync	56 Hz - 120 Hz
Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
Component Video	480i, 480p, 576i, 720p, 1080i, 1080p
HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS Clock 27 MHz - 150 MHz

Connectors

Digital Input	HDMI x 1 (HDCP compliant)
Computer Input 1	15-pin mini D-sub x 1
Computer Input 2	15-pin mini D-sub x 1
Computer Monitor Output	15-pin mini D-sub x 1
Video Input	
S-Video	Mini DIN 4-pin x 1
Composite Video	RCA jack x 1
Component Video	15-pin mini D-sub x 2 (shared with computer in 1/2)
Audio Input	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1, MIC-in 3.5 mm mini jack x 1
Audio Output	RCA jack (L/R) x 1
Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
Network LAN Wireless	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
USB	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
Control Terminals	9-pin D-sub x 1 (RS-232 control)

Ratings & Warranty

Power Supply	AC100-120V / AC220-240V, 50/60Hz
Power Consumption	330W
Operating Temperature	40°F - 95°F (5°C - 35°C)
Dimensions (W x D x H)	12.6" x 9.7" x 3.4" (excluding protruding parts)
Weight	Approximately 6.8 lbs.
Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class B
Warranty	3 year limited parts and labor Extended Service Contract available (additional cost)

Classroom and Conference Room Series

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** Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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